

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
8 April 2004 (08.04.2004)

PCT

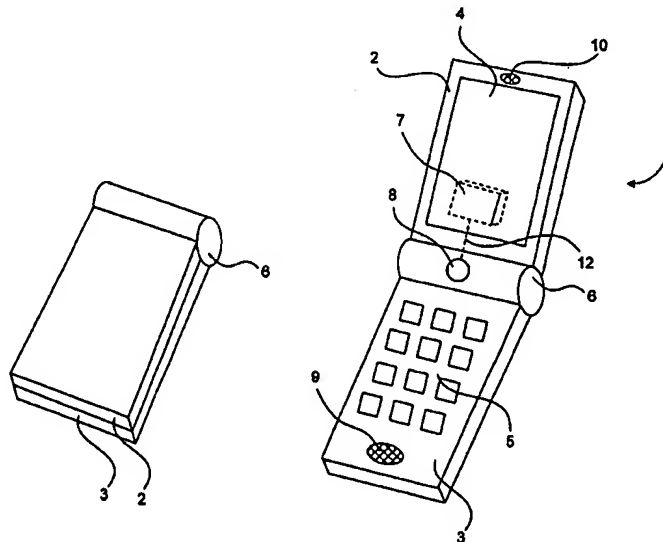
(10) International Publication Number
WO 2004/030345 A1

- (51) International Patent Classification⁷: H04N 5/225, 7/14 (74) Agent: STRÖM & GULLIKSSON IPC AB; P.O. Box 4188, S-203 13 Malmö (SE).
- (21) International Application Number: PCT/EP2003/009207 (81) Designated States (*national*): AE, AG, AL, AM, AT (utility model), AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ (utility model), CZ, DE (utility model), DE, DK (utility model), DK, DM, DZ, EC, EE (utility model), EE, ES, FI (utility model), FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK (utility model), SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (22) International Filing Date: 20 August 2003 (20.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
02021960.6 30 September 2002 (30.09.2002) EP
60/417,418 9 October 2002 (09.10.2002) US
- (71) Applicant (*for all designated States except US*): SONY ERICSSON MOBILE COMMUNICATIONS AB [SE/SE]; S-221 88 Lund (SE).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): BRUNSTRÖM, Lelf [SE/SE]; Palettvägen 25, S-175 47 Järfälla (SE). NORHAMMAR, Björn [SE/SE]; Vårvägen 16, S-182 74 Stocksund (SE). PENSJÖ, Tomas [SE/SE]; Decembervägen 3, S-177 60 Järfälla (SE).
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

[Continued on next page]

(54) Title: VIDEO CAMERA IN MOBILE PHONE



(57) Abstract: A portable communication apparatus (1) comprises a first housing portion (2) and a second housing portion (3), a rotary support member (6) rotatably connecting the first housing portion and the second housing portion, an image producing apparatus (7), and an optical input (8) for the image producing apparatus located in the support member. The image producing apparatus (7) is located in the first housing portion (2) or the second housing portion (3) of the portable communication apparatus (1), and an optical arrangement (11) extends an optical path (12) of the image producing apparatus from the first housing portion or the second housing portion to the optical input (8) located in the rotary support member (6).

WO 2004/030345 A1